植 物 分 类 学 报 36(4):382～384(1998)
Acta Phytotaxonomica Sinica

云南东北部耳蕨属一新种*

朱维明 和兆荣
(云南大学生态学与地植物学研究所 昆明 650091)

A NEW SPECIES OF *POLYSTICHUM* FROM NORTHEAST YUNNAN

CHU Wei-Ming HE Zhao-Rong
(*Institute of Ecology & Geobotany, Yunnan University*, Kunming 560091)

Key words *Polystichum*; *P. subfimbriatum* W. M. Chu et Z. R. He; Northeast Yunnan; New species
关键词 耳蕨属; 拟流苏耳蕨; 云南东北部; 新种

拟流苏耳蕨 新种 图1

Polystichum subfimbriatum W. M. Chu et Z. R. He, sp. nov. TYPE: Yunnan(云南), Zhenxiong(镇雄), Huashan(花山), alt. 1950 m, in fissures of limestone under bushes, 1991-08-31, W. M. Chu(朱维明) et G. F. Zhang(张光飞) 24250 (holotype, PYU). Fig. 1

Species nova *P. fimbriato* Christ affinis, differt squamis margine sparse denticulatis non fimbriatis, iis stipitis omnino lanceolatis vel anguste lanceolatis carentibus ovato-acuminatis et subulato-linearibus, pinnis margine grosse serratis vel pinnatilobatis non acute denticulatis, soris prope costas non fere medialibus vel prope marginem pinnae sitis.

Herba sempervirens. Rhizoma breve obliquum, cum reliquis stipitum ca. 2～3 cm diametro, squamis brunneis lanceolatis et linearibus ca. 1 cm longis dense vestitum, apice frondibus caespitosis 3～15. Frondes pinnatae, 10～40 cm longae. Stipites 4～10 cm longi, raro breviores, 1～2 mm diametro, straminei, squamis dense vestiti; squamae brunneae, recte aut retrosum patentes, paulo tortae, lanceolatae vel anguste lanceolatae, margine sparse denticulatae. Laminae oblongo-lanceolatae, 10～30 cm longae raro breviores, 1.5～5 cm latae in medio, apice breviter acuminatae, basi truncatae atque paulo angustatae, pinnis alternis raro suboppositis 15～30-jugis infra apices acuminatos pinnatifidos. Rhachides stramineae, squamis brunneis linearisubulatis patentibus paulo tortis dense vestites. Pinnae coriaceae, rhamboideo-ovatae, apice acutae vel obtusiuscules, basi breviter petiolulatae vel subsessiles, inaequales, antice rectangulariter et acute auriculates (auricula plerumque separa-

* 国家自然科学基金资助。
Supported by the National Natural Science Foundation of China.
1997-11-07 收稿,1998-03-26 收修改稿。

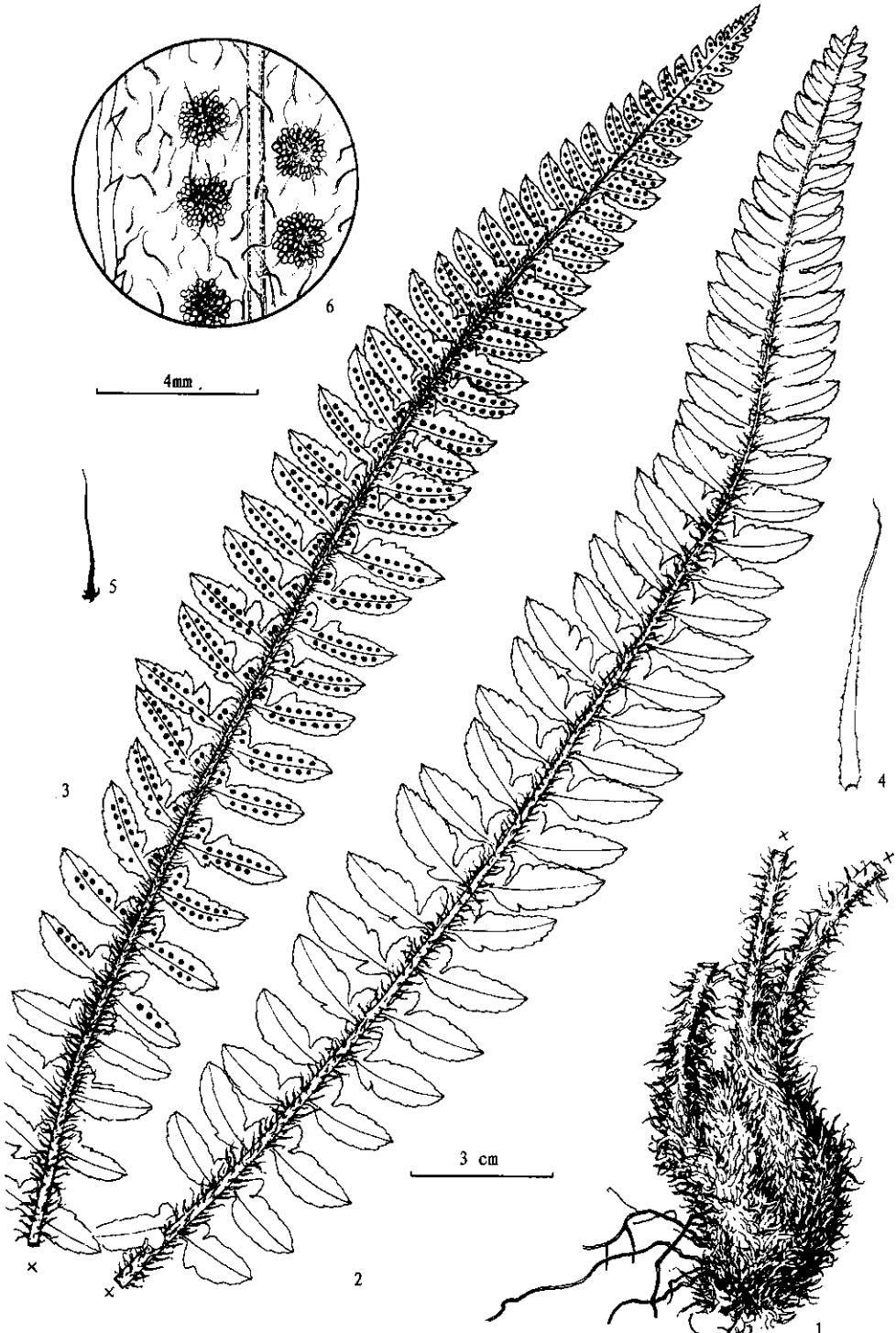

图 1　拟流苏耳蕨　1. 根状茎及叶柄下部；2. 叶片近轴面；3. 叶片远轴面；4. 叶柄上的狭披针形鳞片；5. 羽片远轴面上的钻形小鳞片；6. 羽片远轴面的一部分，表示囊群盖已脱落的孢子囊群及小鳞片。（杨建昆 绘）

Fig. 1　*Polystichum subfibriatum* W. M. Chu et Z. R. He　1. Rhizome with lower parts of stipes; 2. Lamina(adaxial view); 3. Lamina(abaxial view); 4. A narrowly lanceolate scale from stipe; 5. A subulate small scale from abaxial face of pinna; 6. Part of abaxial face of pinna, showing small scale and sori(fallen indusia).

ta), postice cuneatae, superiores inter se valde approximatae, inferiores plerumque paulo separatae, 0.5～2.5 cm longae, 0.5～1 cm latae, margine grosse serratae vel pinnatilobatae, utrinque squamis minutis fibrosis adpressis paulo tortis sparse vestitae. Venae obscurae, obliquae, pinnatae vel 2～3 furcatae. Sori rotondi, minuti, ca. 1 mm diametro prope costas siti, ad 17 pro pinna. Indusia rotunda peltata, atrobrunnea, integra, caducum. Sporae reniformes vel fere ellipsoideae, 64 pro sporangio, omnino normales. Perisporium in maturitate corrugatum atque sculplura reticulata.

Yunnan(云南): Yiliang (彝良), Chaotianma (朝天马), Longguanshi (龙冠石), alt. 1750 m, in fissures of limestone, 1972-09-20, Exped. N. E. Yunnan* (滇东北队)825; Zhenxiong(镇雄), Huashan(花山), alt. 1900 m, in fissures of limestone, 1972-10-01, Exped. N. E. Yunnan 1179; ib, alt. 1950 m, in fissures of limestone under bushes, 1991-08-31, W. M. Chu et G. F. Zhang, 24251, 24284.

* The Botanical Expedition to NE. Yunnan, Kunming Institute of Botany, Academia Sinica(中国科学院昆明植物研究所滇东北植物考察队).